

REMARKS

This Preliminary Amendment is filed together with a continuation application of U.S. Application Serial No. 09/750,376. In the present paper, claims 1-15 of the original application are canceled, and claims 16-27 are added. Claims 16-27 are now presented for the Examiner's consideration in view of the following remarks:

Applicants wish to thank the Examiner for his allowance of several claims in the original case; Applicants have amended that application by canceling the rejected claims to expedite issuance.

In the present case, the new claims present additional subject matter contained in the specification. Specifically, new independent method claim 16 is directed to a communication device having a speech input device and a voice output device in proximity to one another, wherein an output from the voice output device may be feedback to the speech input device. The method applies loss insertion into the communication device to prevent feedback oscillations/acoustic instability between the speech input device and the voice output device. The method includes the steps of modulating a pseudo-random noise signal with a signal envelope of a signal to the voice output device, and applying the modulated pseudo-random noise signal as an identification mark to the output from the voice output device.

New independent apparatus claim 23 is directed to a speakerphone connected to a communication network. The speakerphone includes a loudspeaker for providing voice output connected to an output path from the communication network. The output path has envelope detection. The speakerphone also includes a microphone for accepting voice input. The microphone is connected to an input path to the communication network. A pseudo-noise sequence generator is connected to a gain cell for modulating a pseudo-noise output from the

pseudo-noise generator with an output from the loudspeaker output path envelope detection. An amplifier combines an output from the gain cell with the signal from the loudspeaker output path.

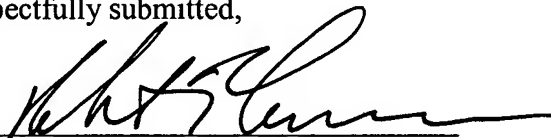
Applicants submit that none of the art currently in the case teaches or suggests the invention as claimed in the claims of the present invention. Specifically, Applicants submit all the claims currently presented are patentable at least because Li, Lowmiller, LeDamany and the other art of record in the parent case do not teach or suggest modulation of a pseudo-noise speaker output marker using envelope detection in the speaker output path.

Conclusion

Applicants therefore submit that none of the claims presented in the case are taught or suggested by the cited art, and that claims in the case are now in condition for allowance, and earnestly request that the Examiner issue a timely Notice of Allowance.

Should the Examiner have any questions regarding the present case, the Examiner should not hesitate to contact the undersigned at the number provided below.

Respectfully submitted,

By 

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